UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
TENNESSEE VALLEY AUTHORITY
MAPS AND SURVEYS BRANCH

CHURCH HILL QUADRANGLE
TENNESSEE–VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC) 188-SW

Mapped and edited by Tennessee Valley Authority
Published by the Geological Survey

Control by USC&GS, USGS, and TVA

Revised by TVA in 1959 by photogrammetric methods using aerial photographs taken 1958 and by reference to TVA-USGS quadrangle dated 1939. Map field checked by TVA, 1959

Polyconic projection. 1927 North American datum
10,000-foot grid based on Tennessee and Virginia (South) rectangular coordinate systems.

1000 meter Universal Transverse Mercator Grid ticks, Zone 17, shown in blue

To place on the predicted North American Datum 1983 move the projecton lines 7 meters south 11 meters west as shown by dashed corner ticks

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Revisions shown in purple and recompilation of woodland areas compiled by the Tennessee Valley Authority from aerial photographs taken 1973. This information not field checked

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DASHED LINES REPRESENT HALF-INTERVAL CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO, 80225, OR RESTON, VIRGINIA 22092
AND TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY NASHVILLE, TENN. 37219
VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA 22903
U.S. TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TENN. 37401 OR KNOXVILLE, TENN. 37902
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Map photoinspected 1976
No major culture or drainage changes observed

QUADRANGLE LOCATION

NOTE
Navigation is restricted on the Holston River through the Holston Army Ammunition Plant. Written permission to navigate the river must be obtained from the Commanding Officer, Tel. No. 247-9111, Ext. 107.

ROAD CLASSIFICATION
Heavy-duty — Poor motor road
Medium-duty — Wagon and jeep track
Light-duty — Foot trail
U. S. Route — State Route
In developed areas, only through roads are classified

CHURCH HILL, TENN.–VA.
36082-E6-TF-024
PHOTOINSPECTED 1976
1959
PHOTOREVISED 1973
DMA 4457 II SW-SERIES V814

best copy available